

2015 ITP10 Final Model Information

The final 2015 ITP10 Models and supporting documentation have now been posted to TrueShare.

The updated study data has been posted with the following changes since the April 28th posting:

1. Generator Outlet Facilities: Two Instances in OPPD occurred where a new resource identified in the F2 Resource plan were placed at a point of interconnection where existing units are being retired due to the assumptions identified in Future 2. That assumption is to retire all coal units less than 200 MW. In these two situations, the Generator Outlet facilities were removed or scaled back to the minimum needed solution to allow the Future 2 resource to be dispatched at full capacity as part of the Generator Outlet Facilities methodology approved by the TWG.
2. Constraint Assessment: There were instances in the event file where constraints were duplicated within the event file. Those instances have been removed from the event file. The final updated event file has been reviewed to remove these duplicate constraints. These edits have no effect on the PROMOD generated dispatch. Some contingent or monitored elements in the F2 event file (.eve) were partially commented. The instances have been deleted from the event file to ensure that the monitored elements are not wrongly associated with the next event.
3. Forced Outages in PROMOD: The Monte Carlo forced outage simulation was used to create the dispatch in the 2015 ITP10 AC Power Flow models posted previously. This issue has been corrected on the final models in PROMOD to determine the dispatch for the AC power flow models.

Files posted on TrueShare:

Power flow Modeling Data:

FINAL 2015 ITP10 TRANSLATED PROMOD DISPATCH SAV.zip	Four translated PROMOD-dispatched power flow models in SAV format(F1SP, F1L, F2SP, F2L)
FINAL 2015 ITP10 TRANSLATED PROMOD DISPATCH RAW.zip	Four translated PROMOD-dispatched power flow models in RAW format(F1SP, F1L, F2SP, F2L)
2015 ITP10 Generation Outlet Facilities_FINAL.xlsx	Outlet Facilities Added for New Generation

For users who license Ventyx nodal simulation ready software:

20140506 2015 ITP10 F1 2024_PowerBase.zip	Future 1 economic model (PROMOD)
20140506 2015 ITP10 F1 2024_Additional.zip	Future 1 .err, .rep, .lib, .eve
20140506 2015 ITP10 F1 2024_PAT Files.zip	Future 1 output files for use with PAT software
20140506 2015 ITP10 F1 2024_RA Files.zip	Future 1 output files for use with Report Agent
20140506 2015 ITP10 F2 2024_PowerBase.zip	Future 2 economic model (PROMOD)



20140506 2015 ITP10 F2 2024_Additional.zip	Future 2 .err, .rep, .lib, .eve
20140506 2015 ITP10 F2 2024_PAT Files.zip	Future 2 output files for use with PAT software
20140506 2015 ITP10 F2 2024_RA Files.zip	Future 2 output files for use with Report Agent

For users who have signed a Ventyx NDA:

20140506 2015 ITP10 F1 2024 Economic Modeling Data.xlsx	Future 1 economic model (Excel)
20140506 2015 ITP10 F2 2024 Economic Modeling Data.xlsx	Future 2 economic model (Excel)

Instructions for accessing the model information can be found on the SPP website on the Order 1000 page: <http://www.spp.org/section.asp?group=3143&pageID=27>

All data can be found on TrueShare under “Integrated Transmission Planning – Confidential and Protected Material and or Critical Energy Infrastructure Information-Do Not Release → 2015 ITP10 →” in the “2015 ITP10 Models”, “2015 ITP10 Models Conf.”, and “2015 ITP10 Powerflow Models” folders.

Upcoming 2015 ITP10 Dates:

- **May 7-20:** Staff to perform needs assessment
- **May 21:** Staff will post the needs assessment and the DPP 30-day response window will open